**FIELD DAY AGENDA**

**Halifax County Agriculture Center**  
359 Ferrell Lane, Halifax, NC  
Tuesday, August 20, 2019

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<th>Time</th>
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| **8:00 a.m. – 8:30 a.m.** | **Welcome and Overview of Activities**  
(Board bus from Halifax County Agriculture Center to Zeb Winslow Farm) |
| **9:00 a.m. – 9:30 a.m.** | **Soil Health Farmer Mentor: Zeb Winslow**  
1. Overview of Soil Health Management System  
   a. How long?  
   b. Equipment used?  
   c. Acres farmed? |
| **9:30 a.m. – 10:00 a.m.** | **Nathan Lowder**  
NRCS Soil Health Specialist  
**DEMONSTRATIONS**  
**Rain Fall Simulator**  
1. Impacts of management on soil function  
2. Soil Health Management Principles  
   a. Minimize disturbance  
   b. Maximize diversity  
   c. Keep living roots growing  
   d. Maintain residue cover |
| **10:00 a.m. – 10:30 a.m.** | **Stop 1 Adapting Equipment for Soil Health**  
(discuss adjustments and challenges with equipment when moving into a soil health system)  
1. Spreading residue during harvest  
2. Seeding cover crops, e.g. drilling, broadcasting, aerial application  
3. Terminating cover crops, e.g. when & how  
4. Planting into high residue levels  
5. Sprayer tips |
| **10:30 a.m. – 11:00 a.m.** | **Zeb Winslow**  
Farmer Mentor |
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| 10:30 a.m. – 11:00 a.m. | Will Mann  
Fishing Creek SWCD Resource Conservationist |
| 11:00 a.m. – 11:30 a.m. | David Lamm  
SHI Project Manager  
Nathan Lowder  
NRCS Soil Health Specialist |
| 12:00 noon – 1:00 p.m. | David Lamm  
SHI Project Manager |
| 1:30 p.m. to 3:00 p.m. | Nathan Lowder  
NRCS Soil Health Specialist |
| 3:00 p.m. to 3:30 p.m. | David Lamm  
SHI Project Manager |

**Cotton Field Day Agenda continued**

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<th>Stop 2  Cover Crops used in Cotton Systems</th>
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| Moisture management | 10:30 a.m. – 11:00 a.m. | Will Mann  
Fishing Creek SWCD Resource Conservationist |
| Moderating soil temperatures |  |  |
| Nutrient cycling |  |  |
| Pest management |  |  |
| Results of testing from Zeb’s fields |  |  |

**Stop 3  Linking Soil Biology to Soil Health**

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| 11:00 a.m. – 11:30 a.m. | David Lamm  
SHI Project Manager  
Nathan Lowder  
NRCS Soil Health Specialist |
| 11:30 a.m. – 12:00 noon |  |
| 12:00 noon – 1:00 p.m. | David Lamm  
SHI Project Manager |

**Cotton field in cover crop**

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**Lunch at Halifax County Agriculture Center**

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**Why Soil Health Now?**

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| 1:00 p.m. – 1:30 p.m. | David Lamm  
SHI Project Manager |
| 1:30 p.m. to 3:00 p.m. | Nathan Lowder  
NRCS Soil Health Specialist |

**DESIGNING A SOIL HEALTH MANAGEMENT SYSTEM**

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| 1:30 p.m. to 3:00 p.m. | Nathan Lowder  
NRCS Soil Health Specialist |
| 3:00 p.m. to 3:30 p.m. | David Lamm  
SHI Project Manager |

**Cover Cropping with a Purpose**

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| 1:30 p.m. to 3:00 p.m. | Nathan Lowder  
NRCS Soil Health Specialist |
| 3:00 p.m. to 3:30 p.m. | David Lamm  
SHI Project Manager |

**Healthy Soils for Sustainable Cotton Challenge**

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| 3:00 p.m. to 3:30 p.m. | David Lamm  
SHI Project Manager |

Healthy Soils for Sustainable Cotton is supported through the generosity of the Wrangler® brand, the VF Corporation Foundation, and the Walmart Foundation.